

Fig.1

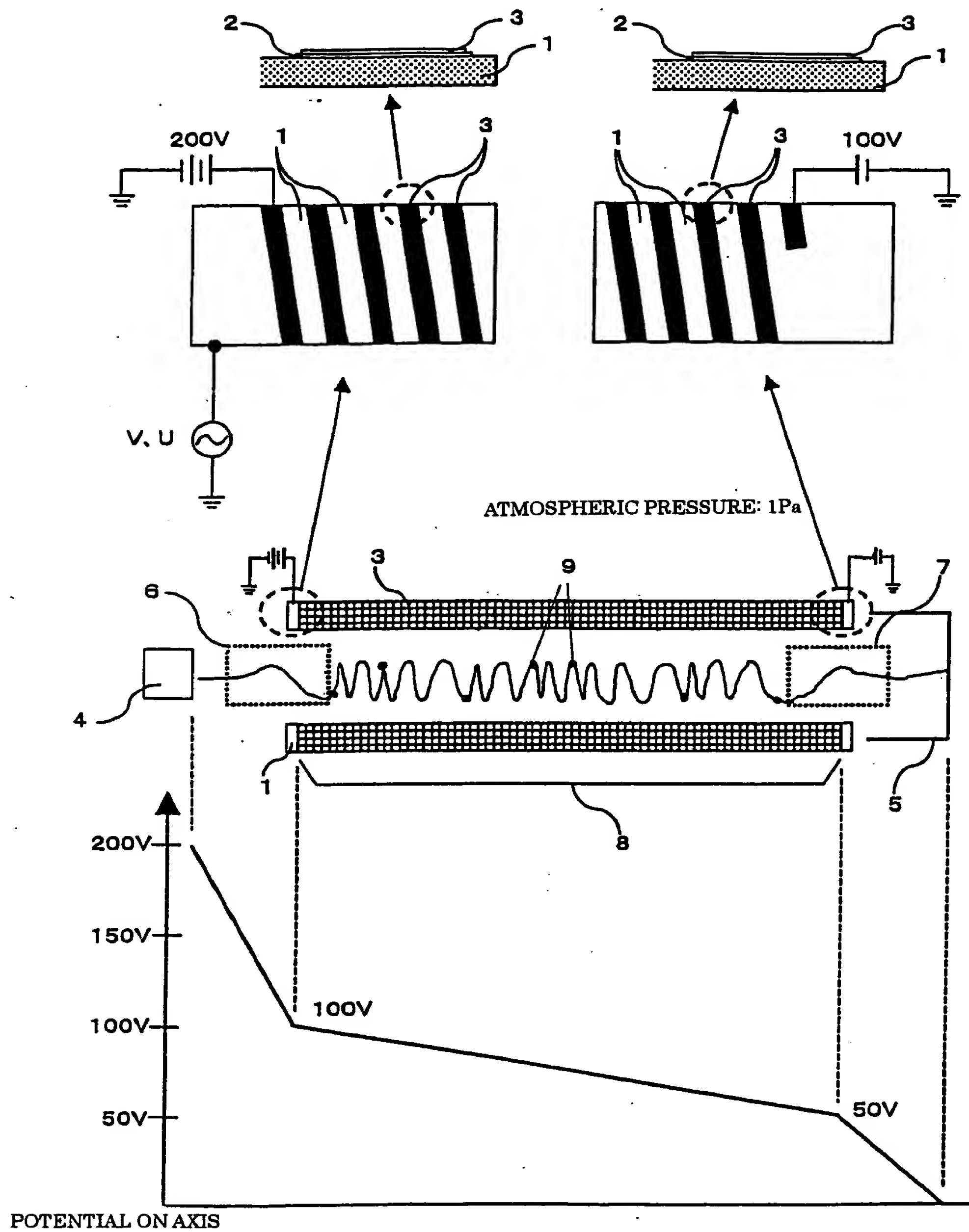


Fig.2

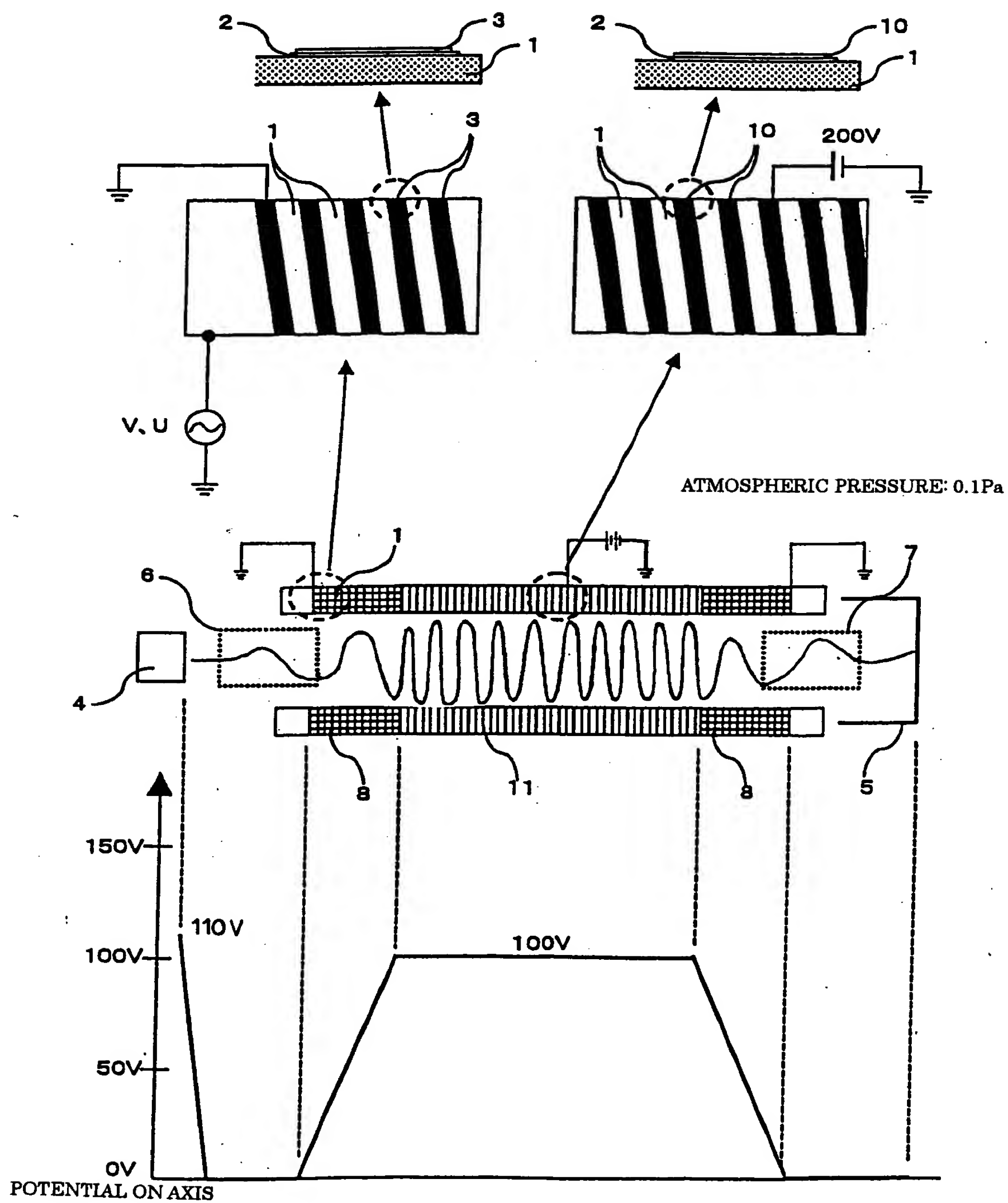


Fig.3(a)

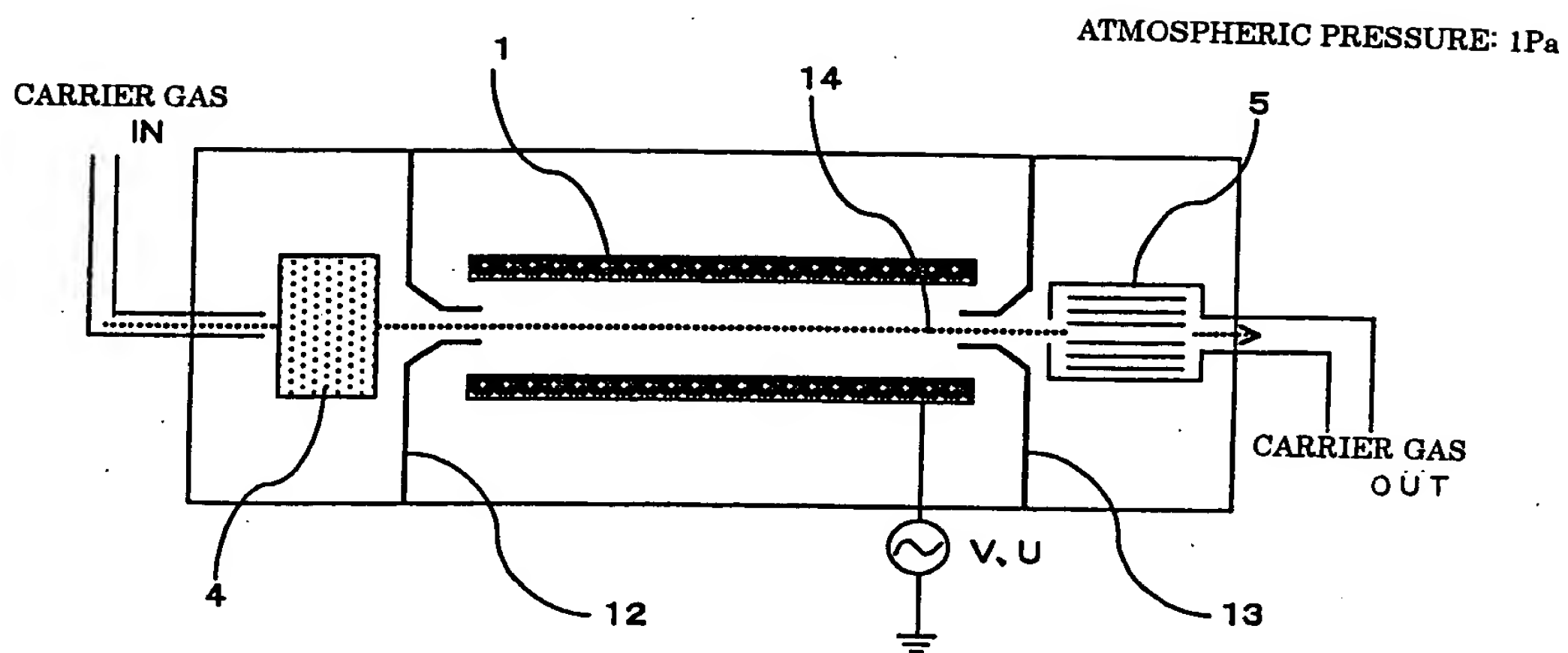


Fig.3(b)

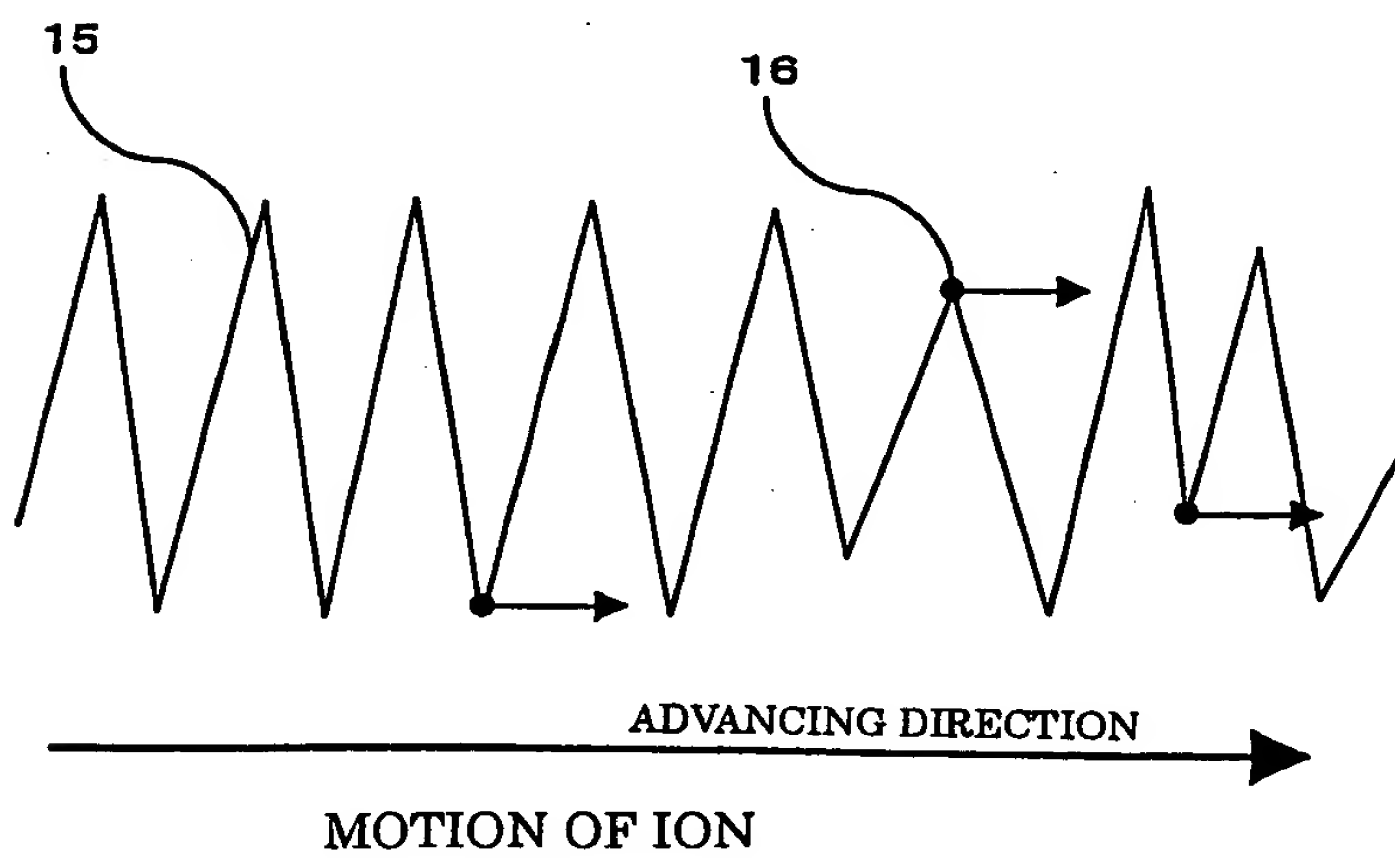


Fig.4

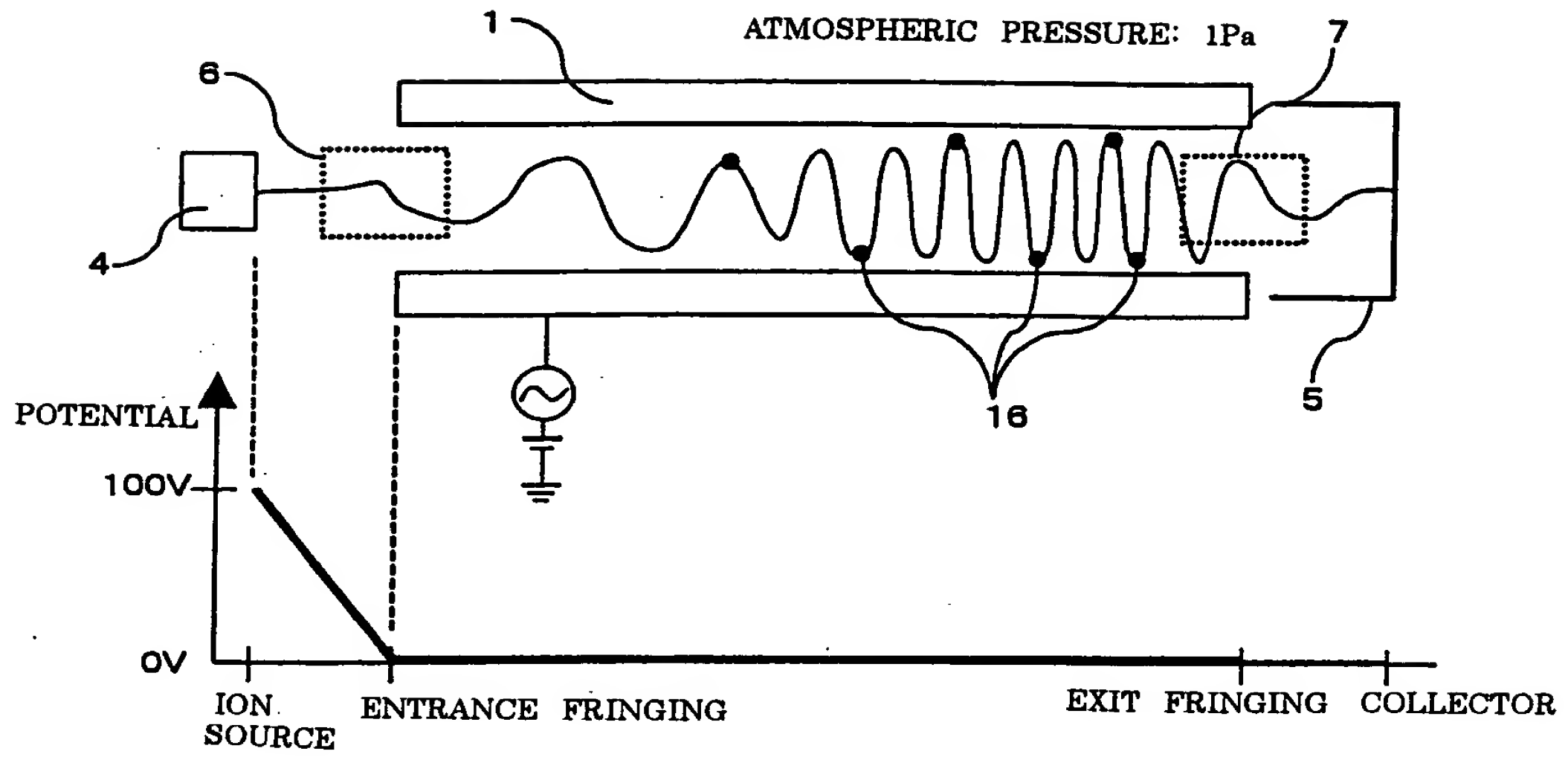


Fig.5

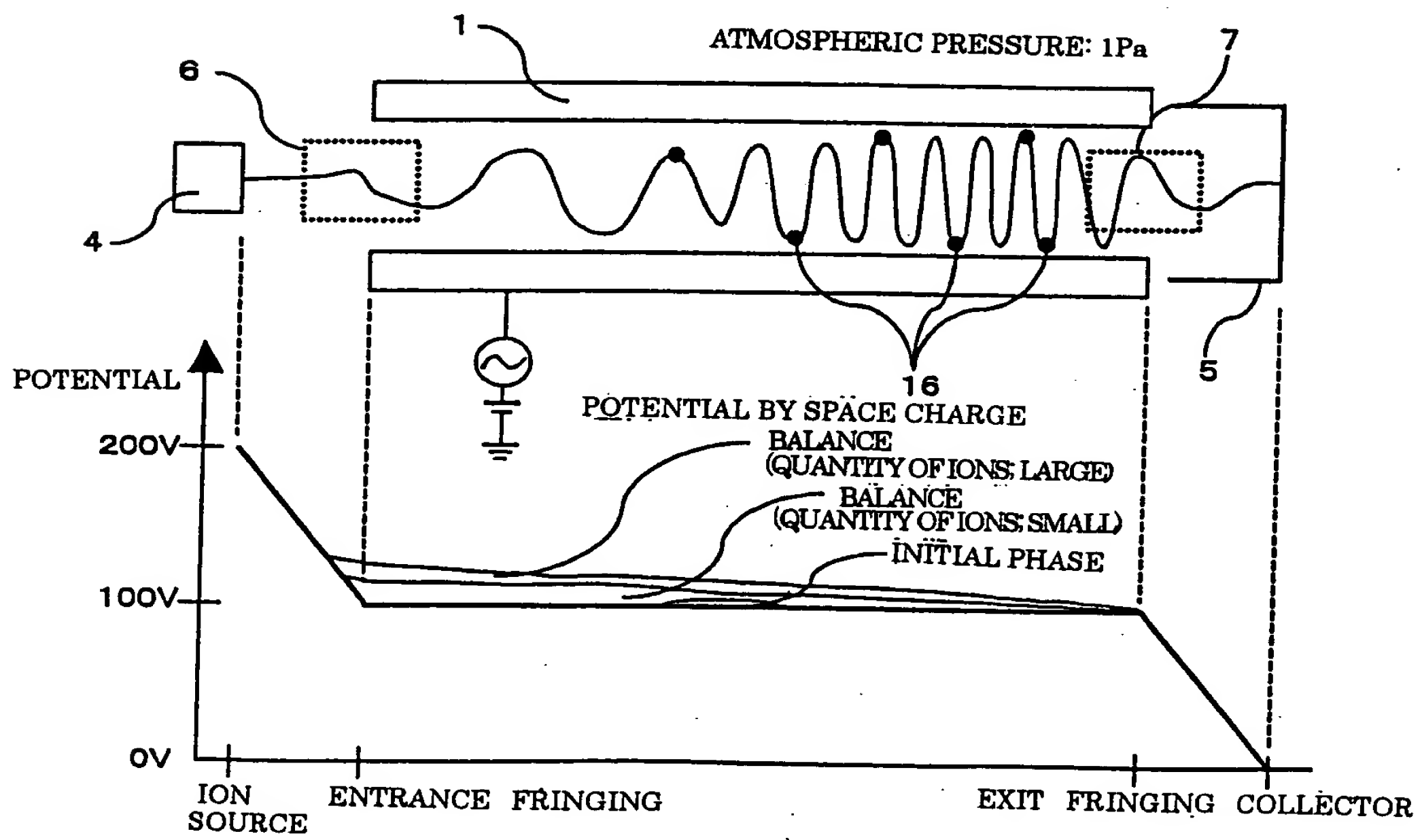
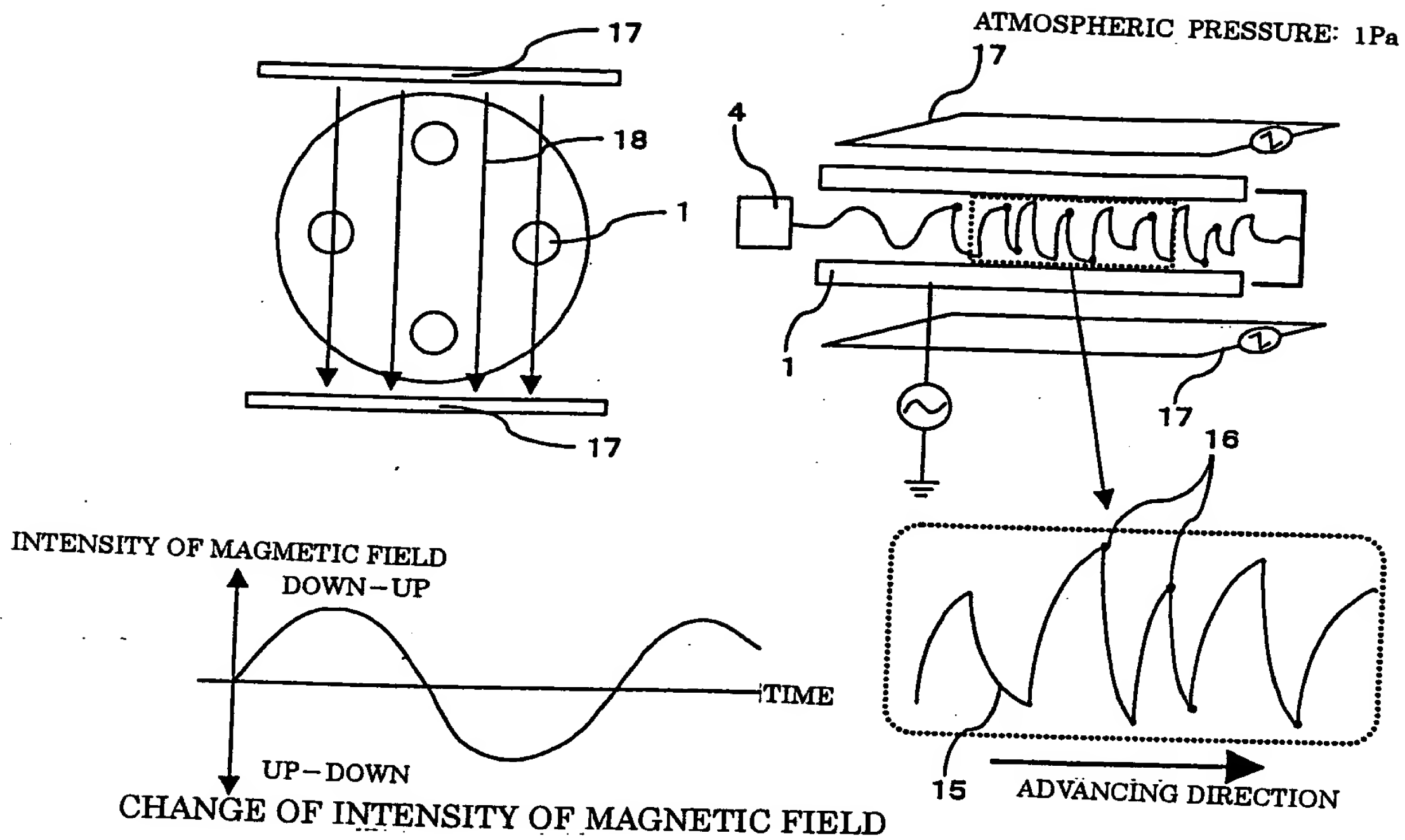
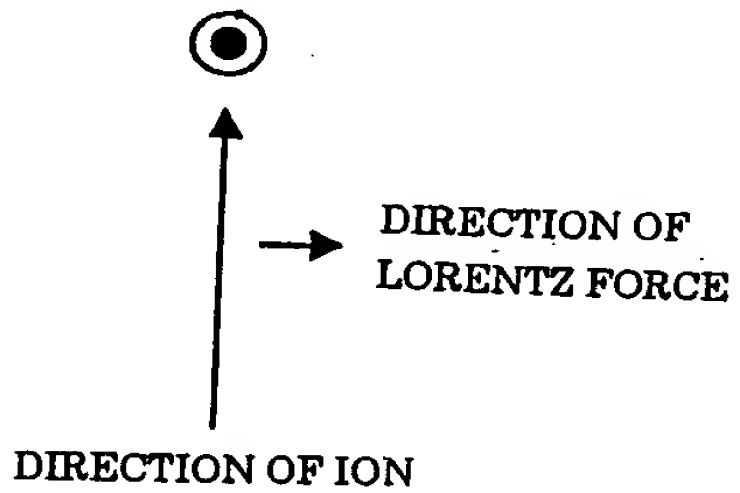


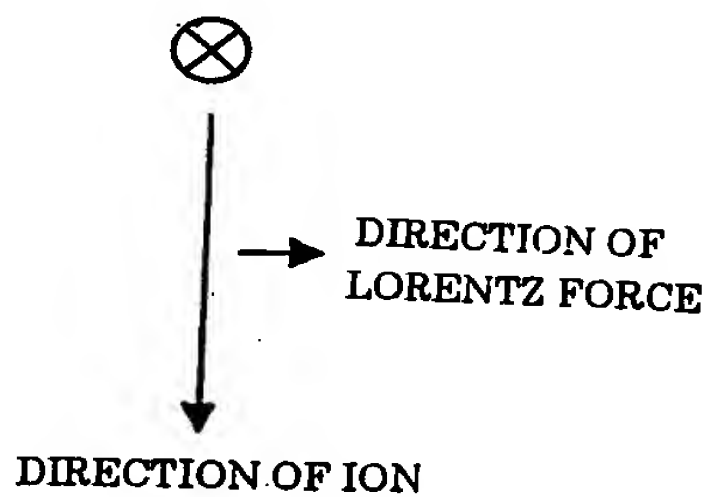
Fig.6



MAGNETIC FIELD DIRECTION
(VERTICAL TO PAPER FACE,
FROM DOWN TO UP)



MAGNETIC FIELD DIRECTION
(VERTICAL TO PAPER FACE,
FROM UP TO DOWN)



VIBRATION DIRECTION OF ION
AND DIRECTION OF MAGNETIC FIELD

Fig.7

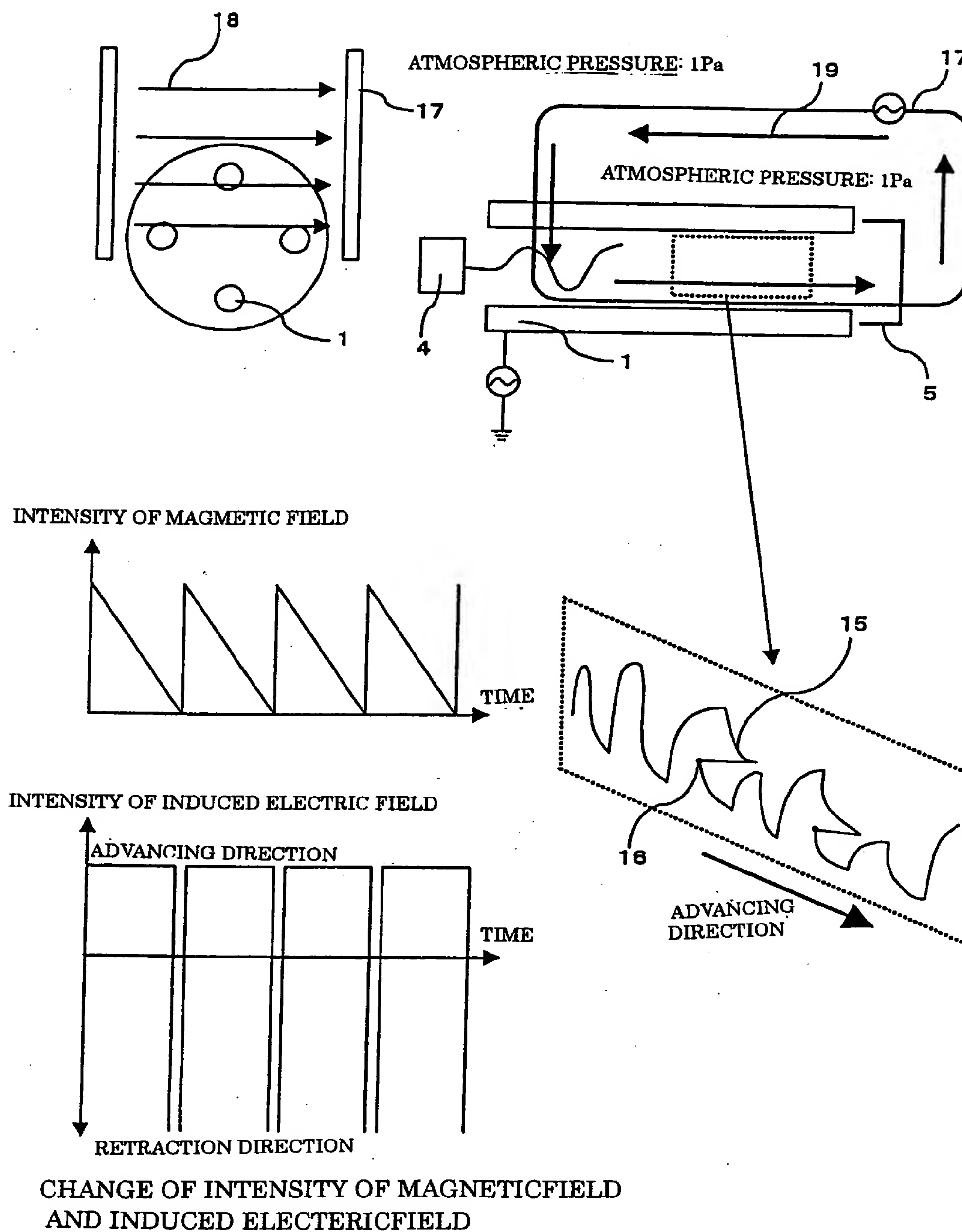


Fig.8(a)

ACCUMULATION MODE

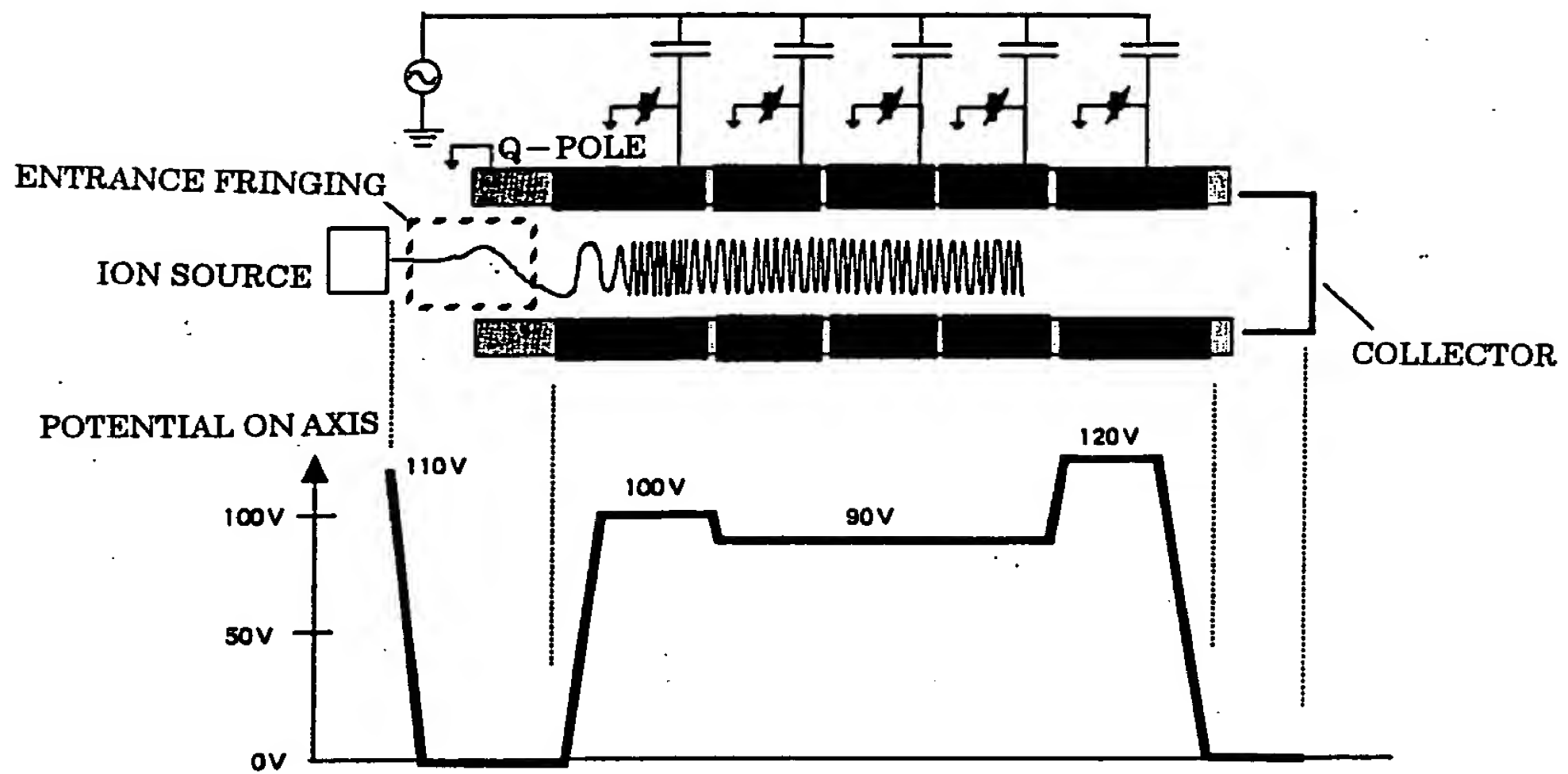


Fig.8(b)

DETECTION MODE (INTERMITTENT OPERATION)

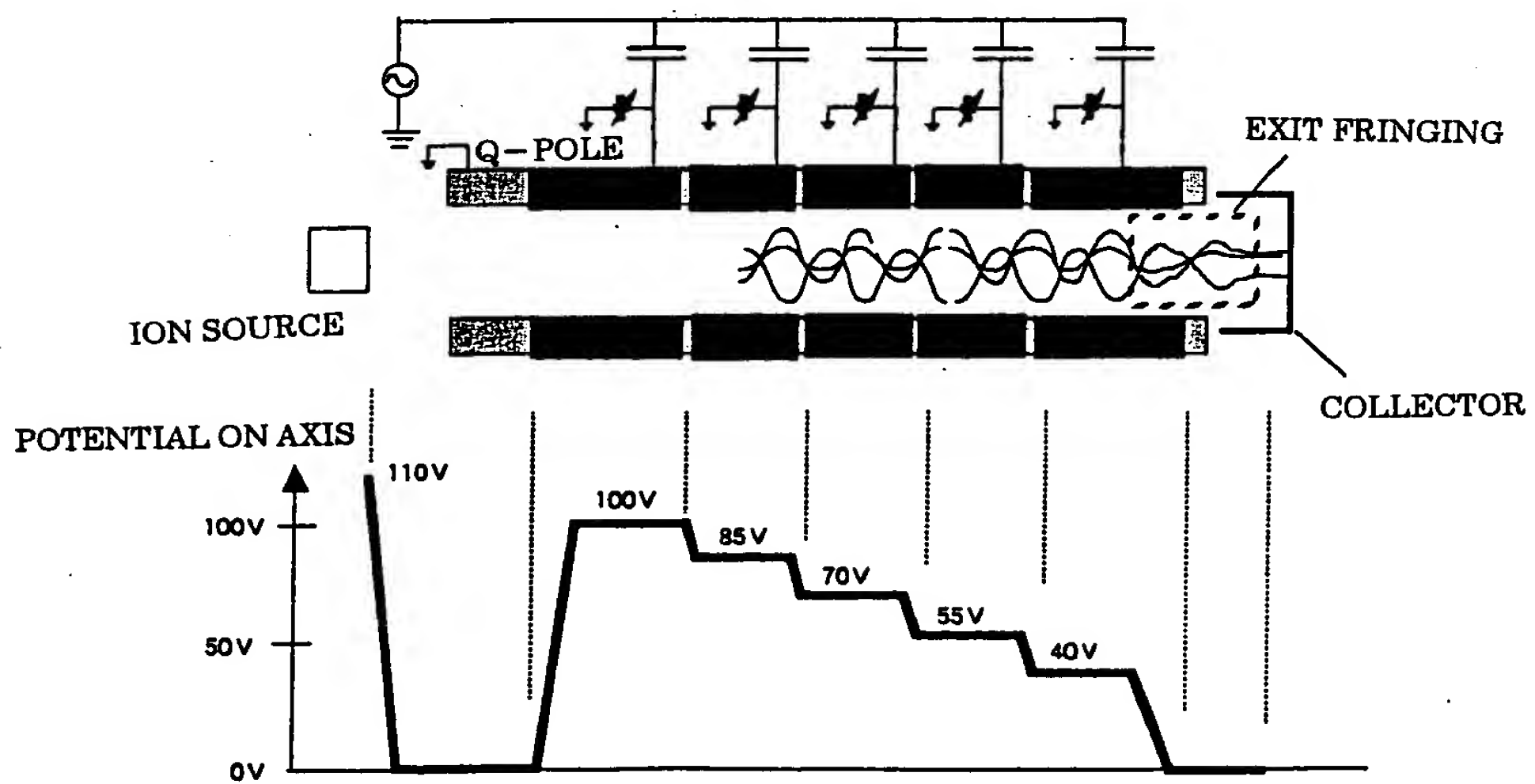


Fig.9(prior art)

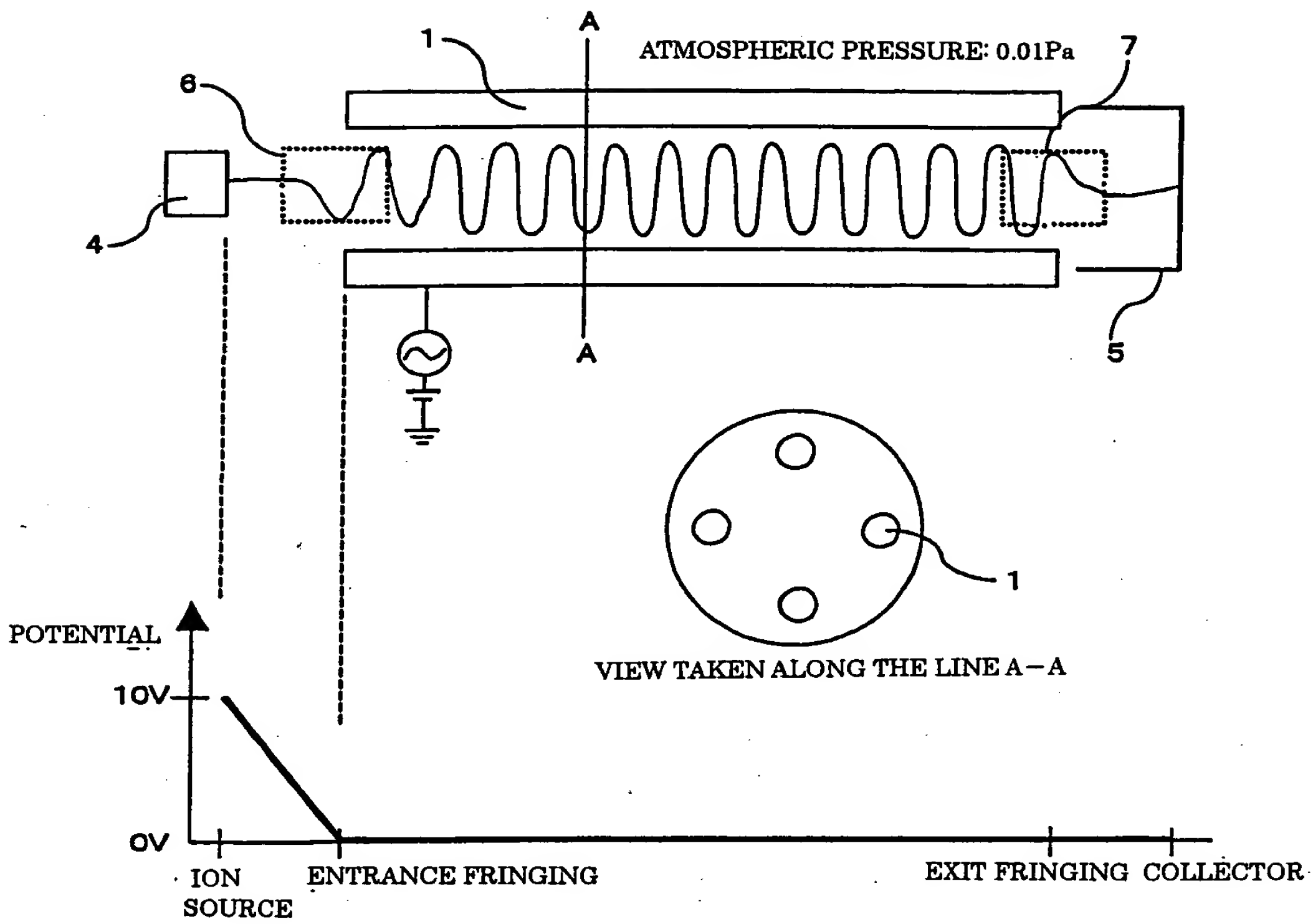


Fig.10(prior art)

